

AP20 Rec'd PCT/PTO 31 JUL 2006

SHEET 1 OF 1

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. 44352-0011-00-US	INTERNATIONAL SERIAL NO. PCT/KR2005/000235 10/588052
	FILING DATE —	U.S. SERIAL NO. Not Yet Assigned
	APPLICANT(S): Do-Man KIM, et al.	
	INTERNATIONAL FILING DATE: January 27, 2005	GROUP ART UNIT: Not Yet Assigned

U.S. PATENT DOCUMENTS

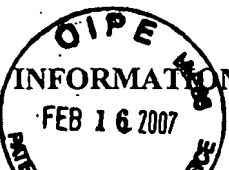
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

C.F.		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA	WO 2003/018790 A1	03/06/2003	WO				
	AB	WO 2001/066570 a1	09/13/2001	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C.F.	AC	KIM, D. M., et al., "Characterization of a novel carbohydrase from <i>Lipomyces starkeyi</i> KSM22 for dental application", In: <i>J. Microbiol. Biotechnol.</i> , 1999, Vol. 9(3), pp. 260-264
↓	AD	RYU, S. J., et al., "Purification and partial characterization of a novel glucanhydrolase from <i>Lipomyces starkeyi</i> KSM22 and its use for inhibition of insoluble glucan formation", In: <i>Biosci. Biotechnol. Biochem.</i> , 2000, Vol. 64(2), pp. 223-228
↓	AE	KANG, K. H., et al., "Cloning and expression of <i>Lipomyces starkeyi</i> alpha-amylase in <i>Escherichia coli</i> and determination of some of its properties", In: <i>FEMS Microbiol. Lett.</i> , April 2004, Vol. 233(1), pp. 53-64
EXAMINER /Christian Fronda/		DATE CONSIDERED 10/31/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 	ATTY. DOCKET NO. 44352-0011-00-US	APPLICATION NO. 10/588,052
	APPLICANT: Do-Man Kim et al.	
	FILING DATE July 31, 2006	GROUP ART UNIT 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
C.F.	AA	6,485,953	11/26/2002	Kim et al.	435	202	
↓	AB	5,741,773	04/21/1998	Zhang et al.	514	8	
↓	AC	5,229,277	07/20/1993	Day et al.	435	103	

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
C.F.	AD	1020010006792 A	01/26/2001	Korea			Abstract only	
↓	AE	1020030022428 A	03/17/2003	Korea			Abstract only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE STATEMENT		APPLICANT: Do-Man Kim et al.	
		FILING DATE July 31, 2006	GROUP ART UNIT 1614

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FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C.F. ↓	AA	Andries J.C. Steyn et al., "Cloning, sequence analysis and expression in yeasts of a cDNA containing a Lipomyces kononenkoae alpha-amylase-encoding gene", <i>GENE</i> , 1995, 166(1): 65-71.
	AB	Andries J.C. Steyn et al., "Cloning, mapping and characterization of a genomic copy of the Lipomyces kononenkoae alpha-amylase-encoding gene (LKA1)", <i>YEAST</i> , 1996, 12(10): 925-937.

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